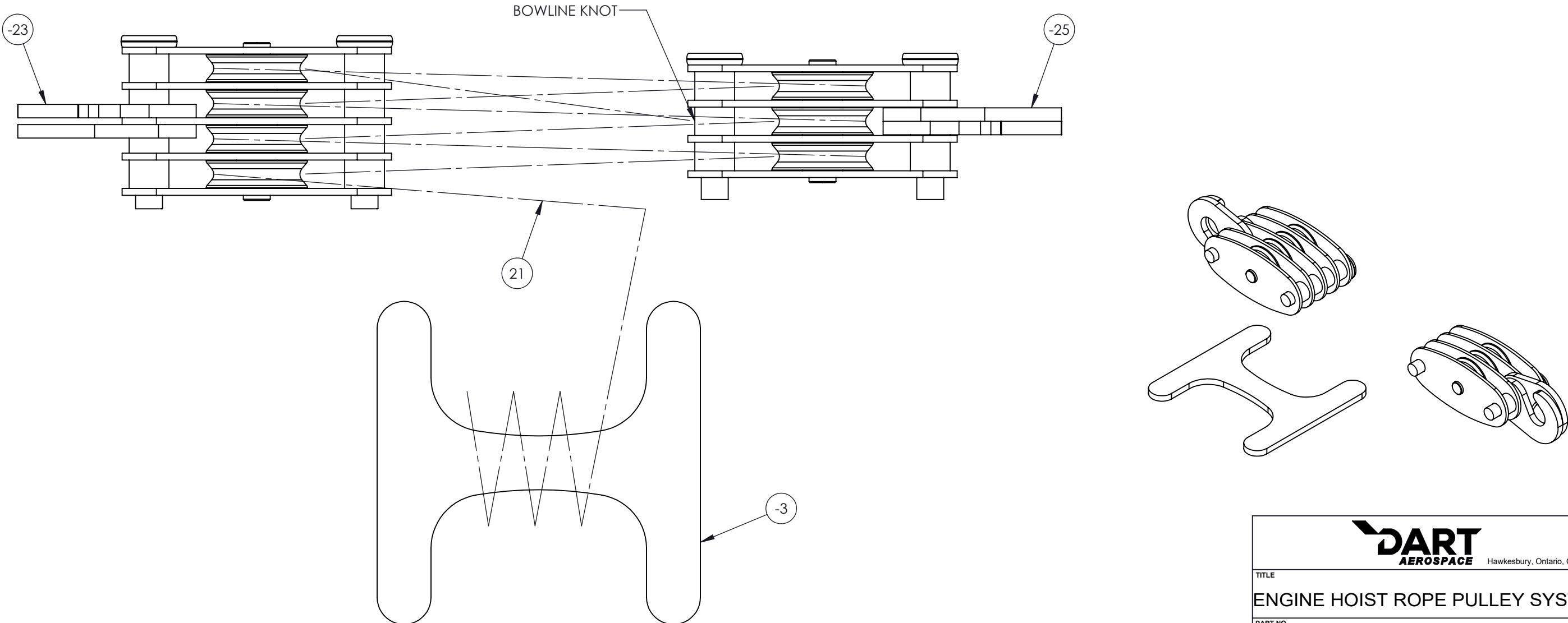


ITEM #	QTY	PART #	TITLE
-3	1	RBD29905-3	CORD HANDLE
-23	1	RBD29905-23	4 PULLEY ASSY
-25	1	RBD29905-25	3 PULLEY ASSY
21	1	PARAGEAR#W9710R	TYPE IV NYLON CORD 3/16" DIA x 50Ft LG.

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
1	-3 CORD HANDLE LENGTHENED .25 AND WIDENED .5	-	7/14/06	WP	DW
2	ADDED KNOT SPEC'S, CHANGED -19 RIVET FROM Ø1/4x1-1/2, REORGANIZED AND ADDED NEW REV. LOG, TITLE BLOCK & BOM.	-	9/14/07	WP	RW
2A	CH'D USED ON MODEL FROM BELL 206 TO MD PER E.B.	-	9/17/10	RJC	EB
3	ADDED -15 MATERIAL, CH'D -19 P/N FROM 97481A357 RIVET TO 1-1/2 LONG. CH'D -1 CENTER HOLE FROM Ø.225, ADDED -11 & -13 TOLERANCE TO Ø.250 OER G.E. MOVED PARTS TO SEPARATE PAGES.	-	4/16/12	RJC	GE
4	UPDATED TO NEW DRAFTING STANDARD, CORRECTED -1 ENGRAVE FROM P/N TO T/N. CH'D -3 Ø.375 TO Ø.38. CH'D -7 Ø.375 TO Ø.37.	15-0187	7/31/2015	SM	JAG
5	-1 CH'D DIM WAS 3X Ø.250 +.005-.000 IS 3X Ø.255 +.005-.000. -7 CH'D DIM WAS Ø.255 IS Ø.255 +.005-.000. -9 CH'D DIMS WAS Ø.375 +.005-.000 SLIP FIT WITH -11, -13 IS Ø.380 +.005-.000 (S.F. -11 & -13), WAS 50° IS 2X 50°, WAS R.03 IS 2X R.03. -11 CH'D MAT'L WAS 1018 IS 1018/1020 CR. ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D. -13 CH'D MAT'L WAS 1018 IS 1018/1020 CR. ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D. -15 CH'D DIM WAS Ø.375 +.005-.000 IS Ø.380 +.005-.000. -19 CH'D B/O REF WAS Ø1/4 X 1-1/2 (#97481A353) IS Ø1/4 X 2 (#97481A357)	17-0066	3/20/2017	DPD	JAG
F	ASSY -23 & -25 ADDED, TEMPLATE UPDATED	17-791	18.1.19	VM	ML
G	CHANGED KNOT TO BOWLINE, ADD NOTE TO TRIM RIVET (ITEM 19) TO 1.65" LONG, REVISED COPYRIGHT DATE	18-532	18.2.05	ML	ML



NOTES:  
 1) MATERIAL: N/A  
 2) HEAT TREAT: N/A  
 3) FINISH: N/A  
 4) SPEC: N/A  
 5) BREAK ALL SHARP EDGES: N/A  
 6) IDENTIFICATION: N/A

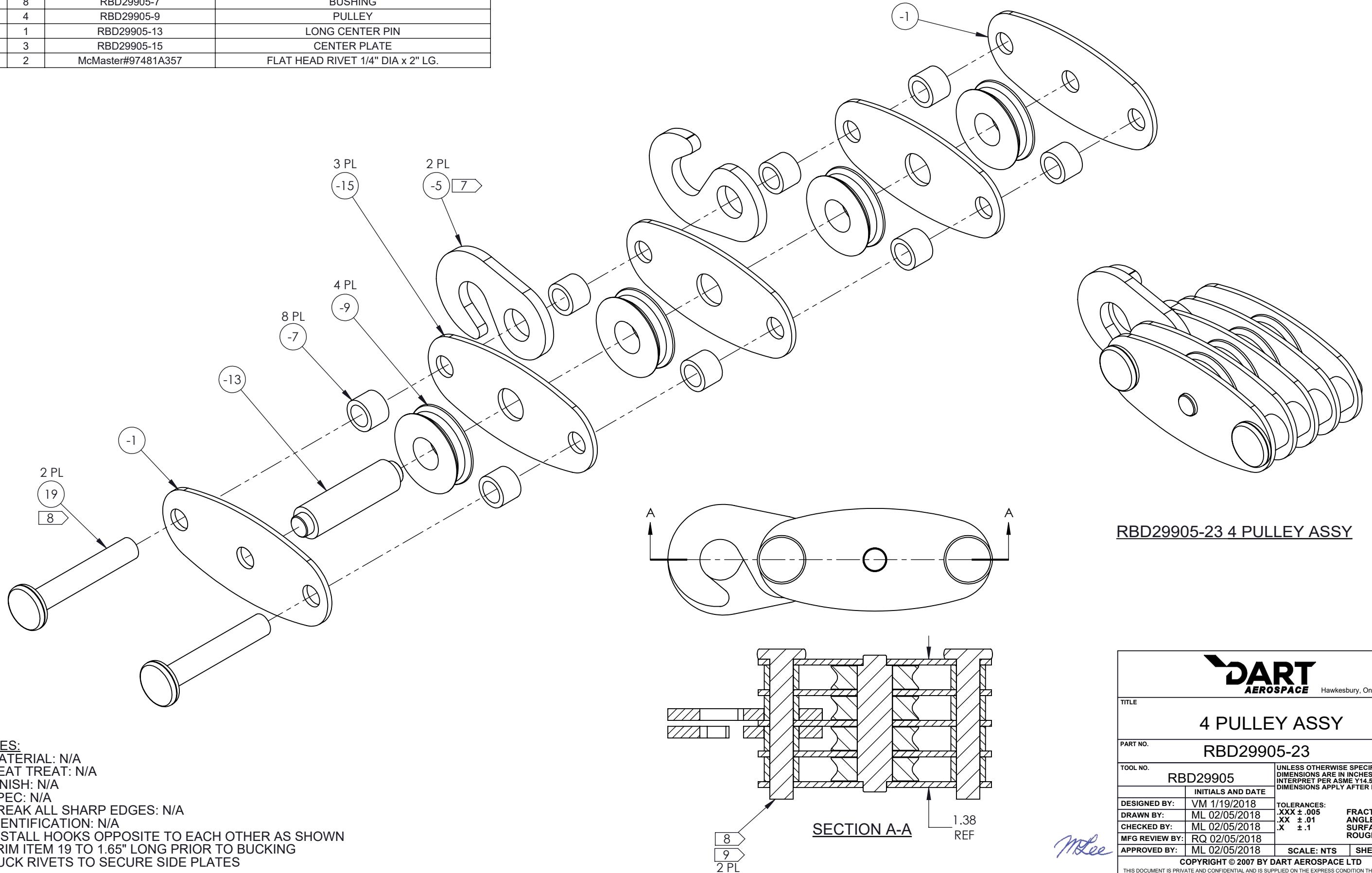
### RBD29905 ENGINE HOIST ROPE PULLEY SYSTEM

<b>DART</b> AEROSPACE		Hawkesbury, Ontario, Canada
TITLE		
<b>ENGINE HOIST ROPE PULLEY SYSTEM</b>		
PART NO.		REV
RBD29905		G
TOOL NO.	RBD29905	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING		
DESIGNED BY:	INITIALS AND DATE	
VM 1/19/2018		
DRAWN BY:	TOLERANCES:	
ML 02/05/2018	XXX ± .005    FRACTIONS ± 1/8	
CHECKED BY:	XX ± .01    ANGLES ± .5°	
ML 02/05/2018	X ± .1    SURFACE ROUGHNESS	
MFG REVIEW BY:	RQ 02/05/2018	
APPROVED BY:	ML 02/05/2018	
SCALE: NTS		SCALE: NTS
SHEET 1 OF 11		
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*M Lee*

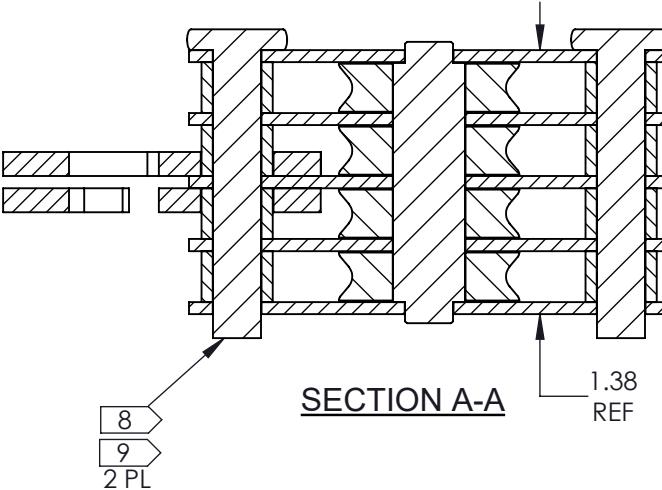
ITEM #	QTY	PART #	TITLE
-1	2	RBD29905-1	SIDE PLATE
-5	2	RBD29905-5	HOOK
-7	8	RBD29905-7	BUSHING
-9	4	RBD29905-9	PULLEY
-13	1	RBD29905-13	LONG CENTER PIN
-15	3	RBD29905-15	CENTER PLATE
19	2	McMaster#97481A357	FLAT HEAD RIVET 1/4" DIA x 2" LG.

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	ASSY DRAWING ADDED, NOTES UPDATED	17-791	18.1.19	VM	ML
G	ADD NOTE TO TRIM RIVET (ITEM 19) TO 1.65" LONG	18-532	18.2.05	ML	ML



NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) INSTALL HOOKS OPPOSITE TO EACH OTHER AS SHOWN
- 8) TRIM ITEM 19 TO 1.65" LONG PRIOR TO BUCKING
- 9) BUCK RIVETS TO SECURE SIDE PLATES



ITEM #	QTY	PART #	TITLE
-1	2	RBD29905-1	SIDE PLATE
-5	2	RBD29905-5	HOOK
-7	6	RBD29905-7	BUSHING
-9	3	RBD29905-9	PULLEY
-11	1	RBD29905-11	SHORT CENTER PIN
-15	2	RBD29905-15	CENTER PLATE
17	2	McMaster#97481A351	FLAT HEAD RIVET 1/4" DIA. x 1.25" LG.

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DRAWING ASSY ADDED, NOTES UPDATED	17-791	18.1.19	VM	ML

D

D

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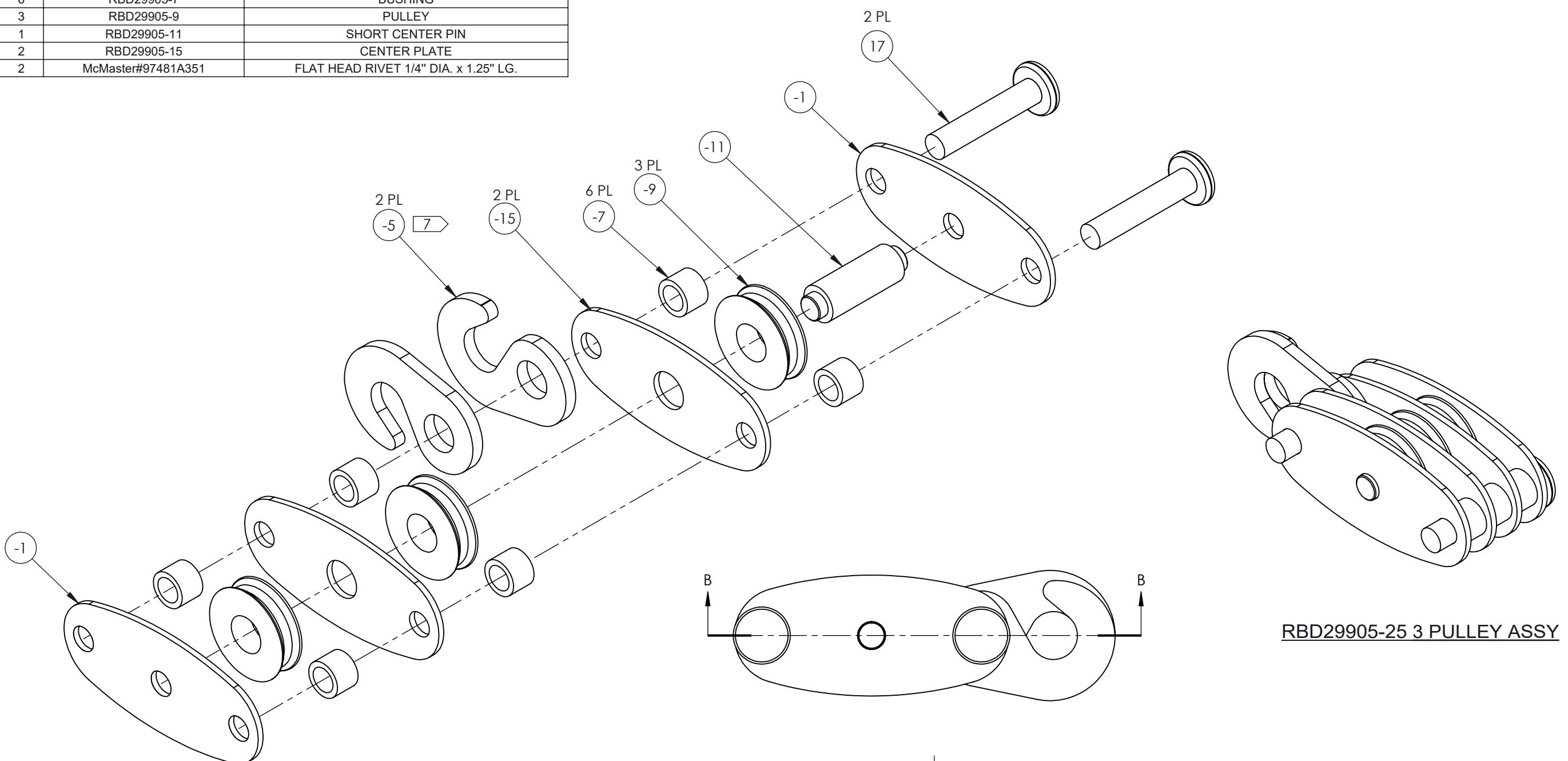
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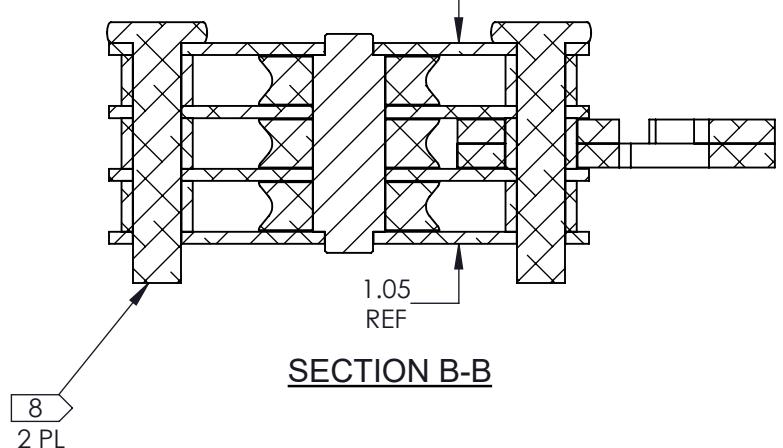
A



RBD29905-25 3 PULLEY ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) INSTALL HOOKS OPPOSITE TO EACH OTHER AS SHOWN
- 8) BUCK RIVETS TO SECURE SIDE PLATES



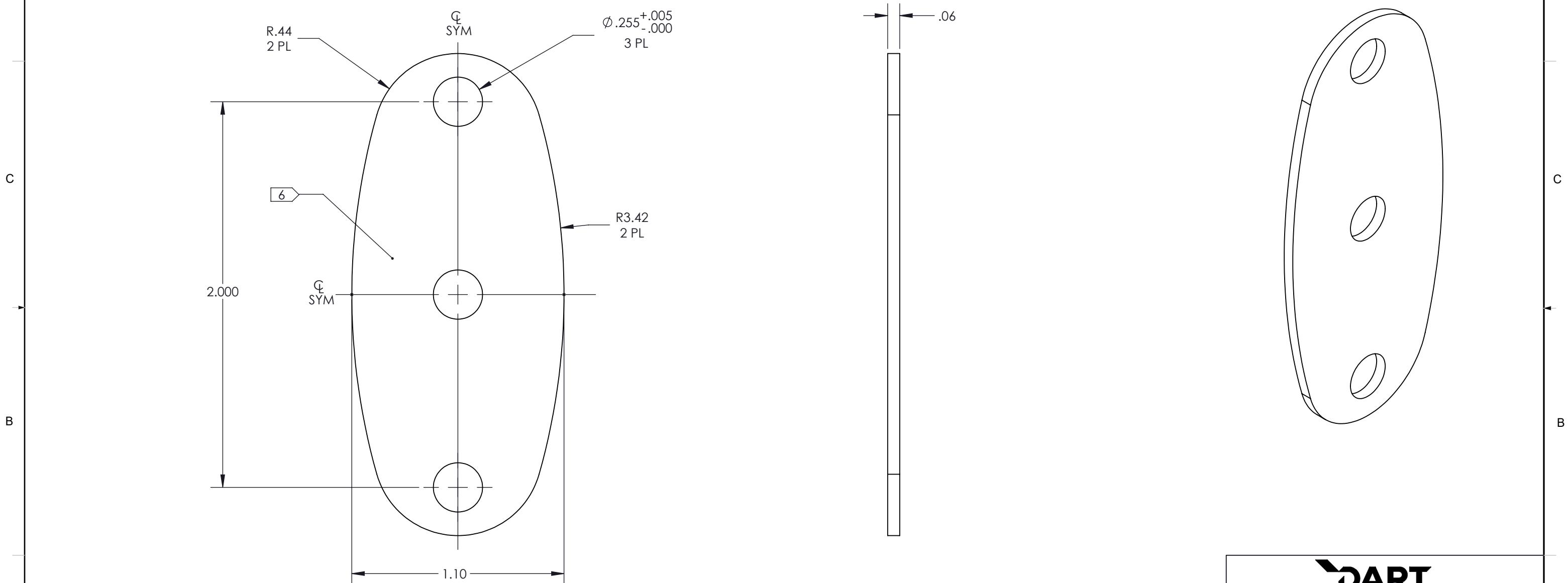
**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE	
3 PULLEY ASSY	
PART NO.	RBD29905-25
REV	G
TOOL NO.	RBD29905
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/19/2018
DRAWN BY:	ML 02/05/2018
CHECKED BY:	ML 02/05/2018
MFG REVIEW BY:	RQ 02/05/2018
APPROVED BY:	ML 02/05/2018
SCALE: NTS	SHEET 3 OF 11

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M Lee

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	TEMPLATE UPDATED, SYMBOLS CL SYM ADDED	17-791	18.1.19	VM	ML



RBD29905-1 SIDE PLATE

NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: RED ANODIZE
- 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: ENGRAVE T/N "RBD29905"

**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE	
SIDE PLATE	
PART NO. RBD29905-1	
REV G	
TOOL NO. RBD29905	
INITIALS AND DATE	
DESIGNED BY:	VM 1/19/2018
DRAWN BY:	ML 02/05/2018
CHECKED BY:	ML 02/05/2018
MFG REVIEW BY:	RQ 02/05/2018
APPROVED BY:	ML 02/05/2018
SCALE: NTS	SHEET 4 OF 11

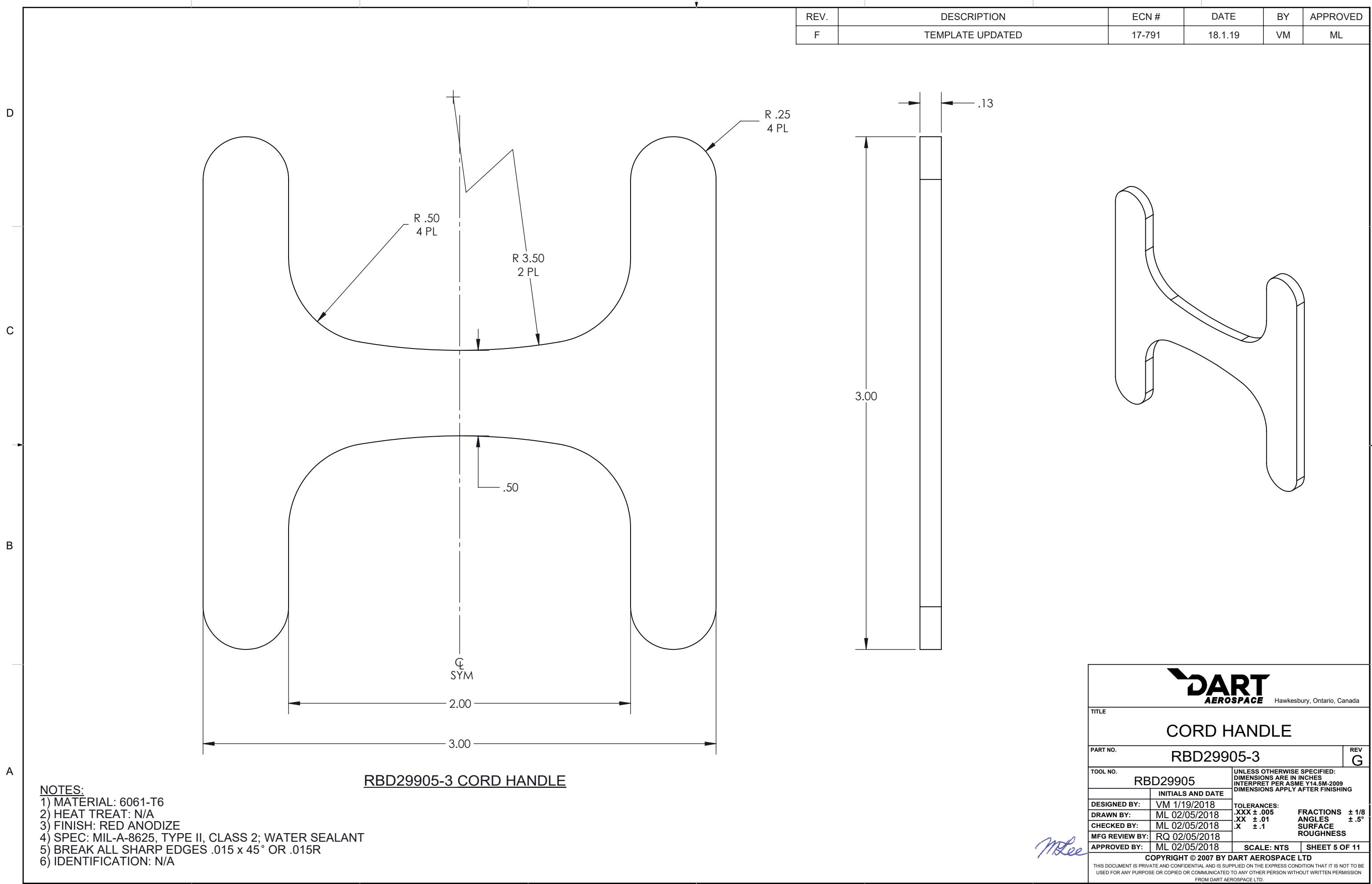
UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
INTERPRET PER ASME Y14.5M-2009  
DIMENSIONS APPLY AFTER FINISHING

TOLERANCES:  
 $XXX \pm .005$  FRACTIONS  $\pm 1/8$   
 $XX \pm .01$  ANGLES  $\pm .5^\circ$   
 $X \pm .1$  SURFACE ROUGHNESS

*M Lee*

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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	TEMPLATE UPDATED	17-791	18.1.19	VM	ML

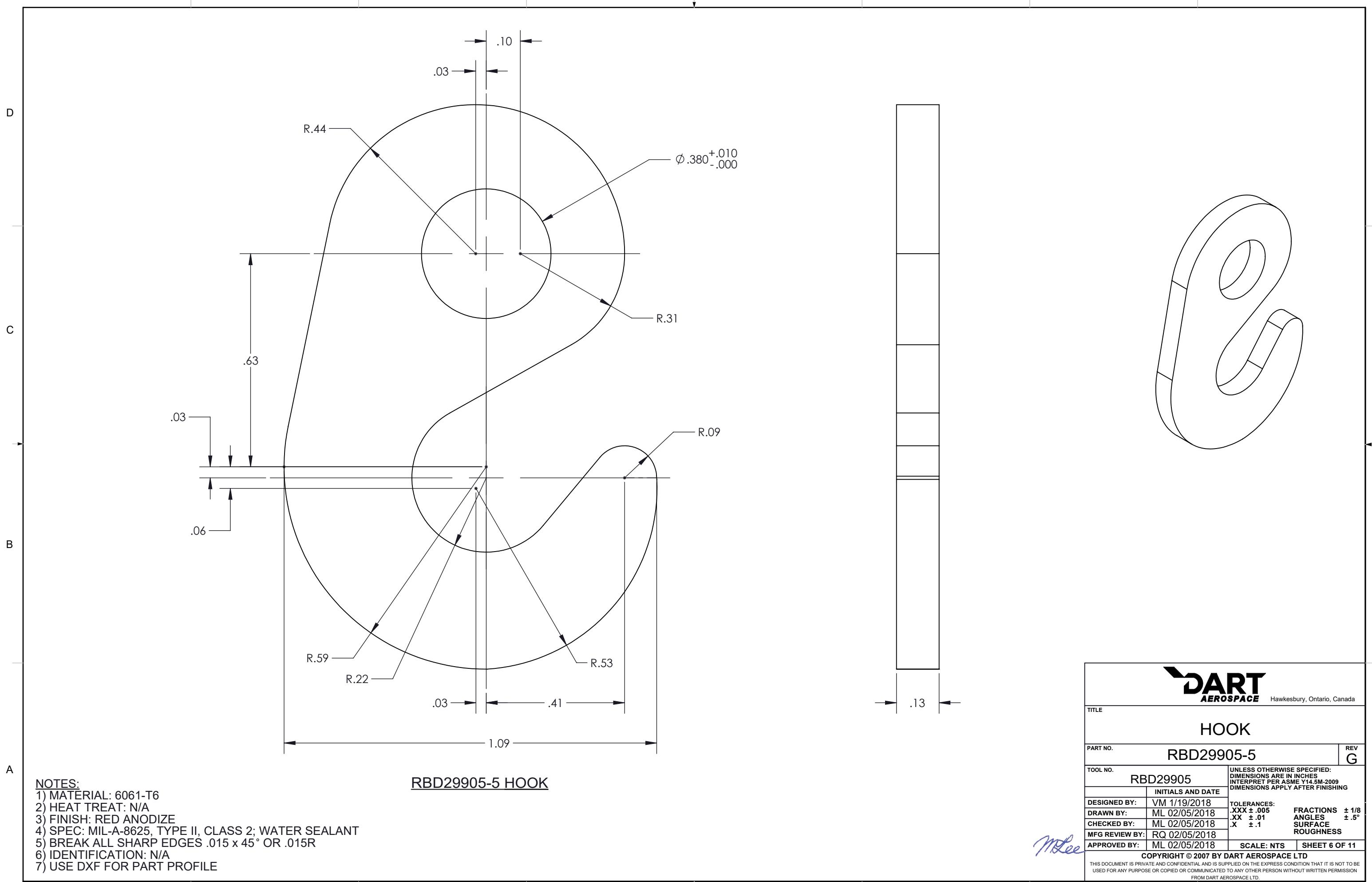


**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE	
CORD HANDLE	
PART NO.	RBD29905-3
REV	G
TOOL NO.	RBD29905
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009	
DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	INITIALS AND DATE
VM	1/19/2018
DRAWN BY:	XX
CHECKED BY:	XX
MFG REVIEW BY:	XX
APPROVED BY:	XX
TOLERANCES: XXX ± .005    FRACTIONS ± 1/8 XX ± .01    ANGLES ± .5° X ± .1    SURFACE ROUGHNESS	
SCALE: NTS	SHEET 5 OF 11

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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	TEMPLATE UPDATED, DIMENSION .37 CHANGED FOR .370	17-791	18.1.19	VM	ML

D

D

C

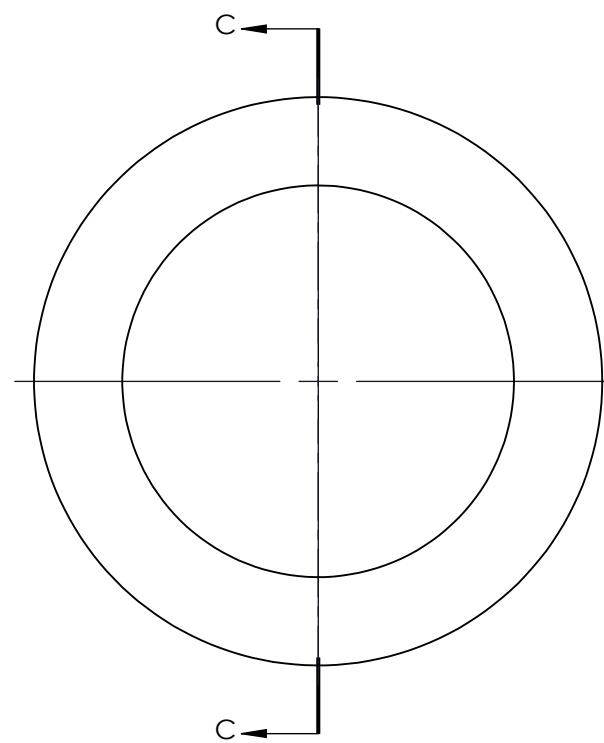
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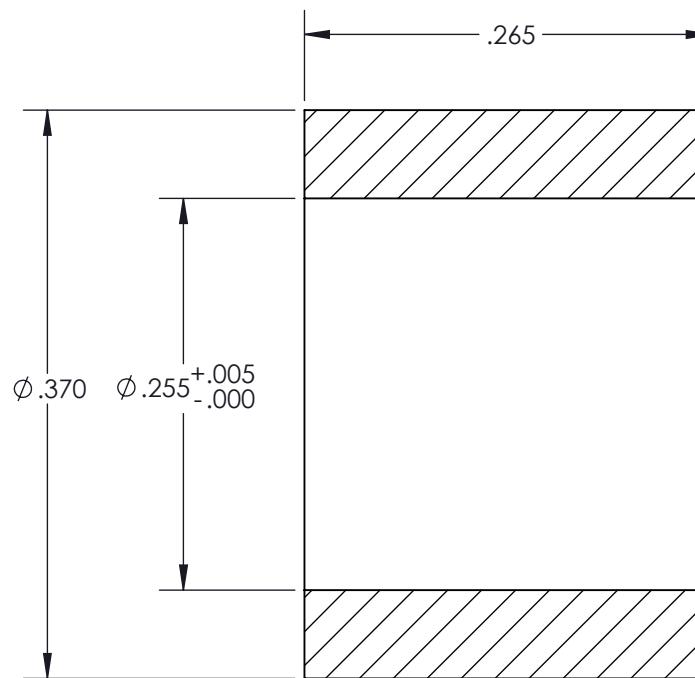
B

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RBD29905-7 BUSHING



SECTION C-C

NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: RED ANODIZE
- 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A

*M. Lee*

DART AEROSPACE	
Hawkesbury, Ontario, Canada	
TITLE	
BUSHING	
PART NO. RBD29905-7	
TOOL NO.	RBD29905
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/19/2018
DRAWN BY:	ML 02/05/2018
CHECKED BY:	ML 02/05/2018
MFG REVIEW BY:	RQ 02/05/2018
APPROVED BY:	ML 02/05/2018
SCALE: NTS	SHEET 7 OF 11
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION .25 CHANGED FOR .250, TEMPLATE UPDATED	17-791	18.1.19	VM	ML

D

D

C

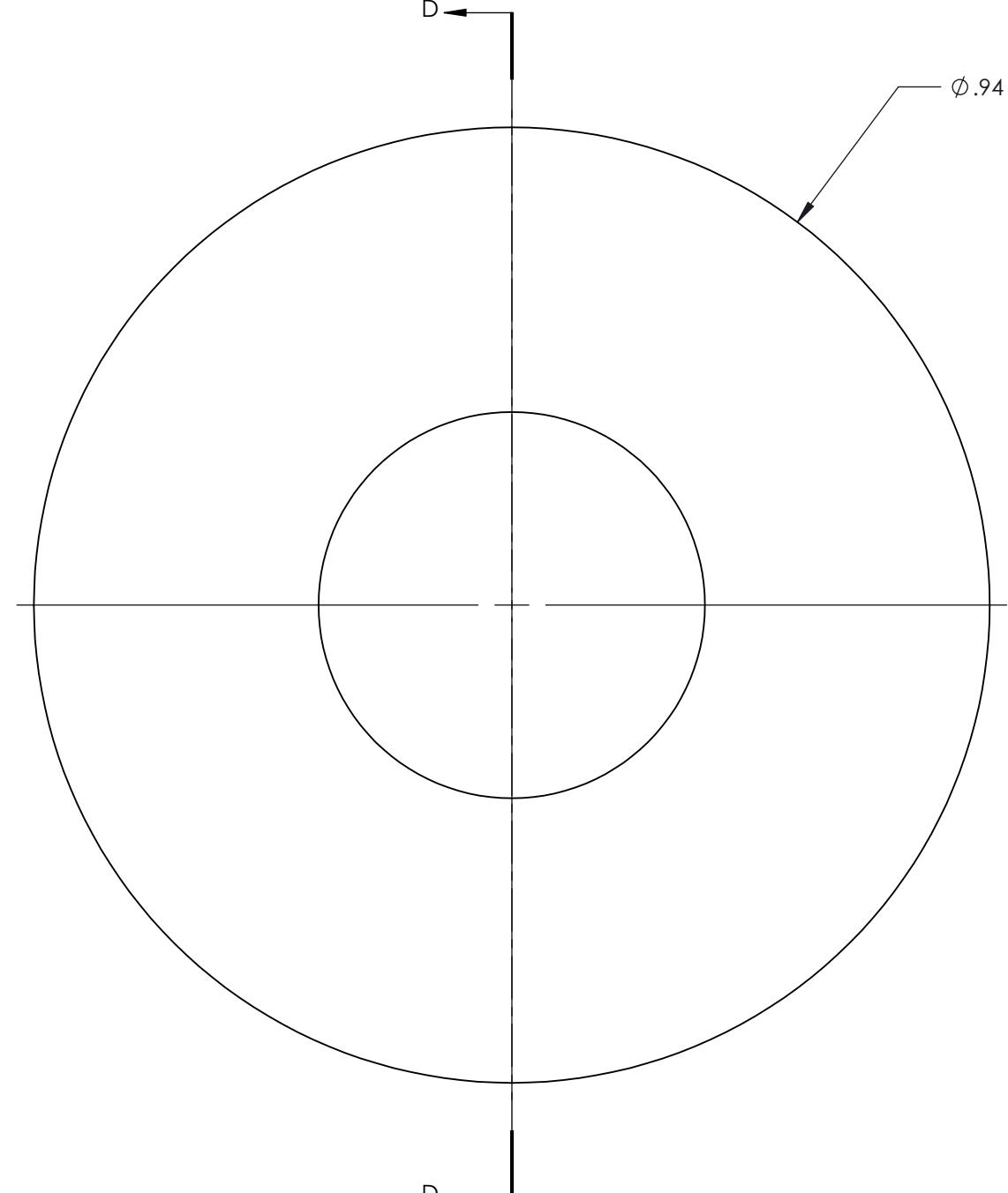
C

B

B

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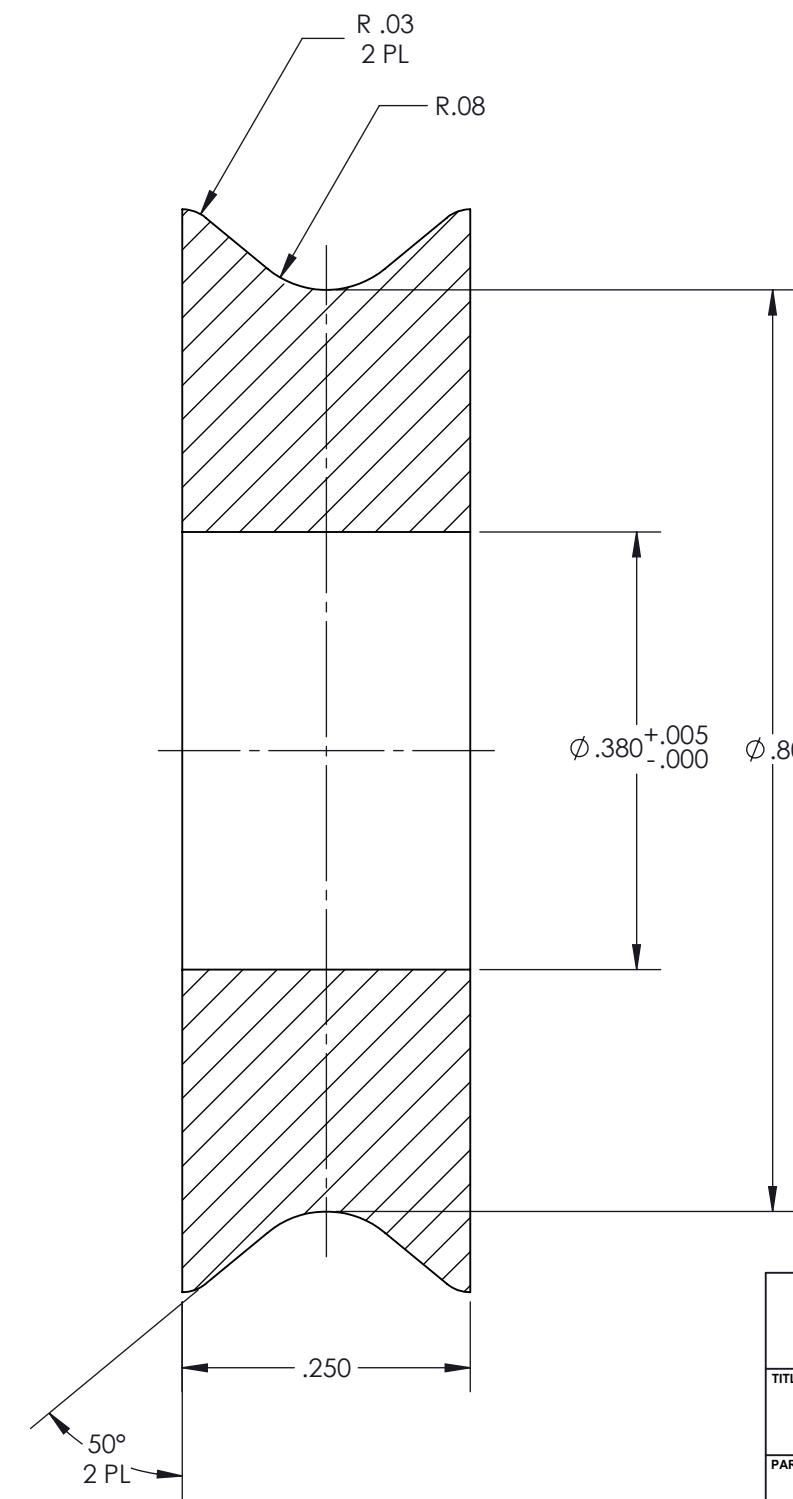
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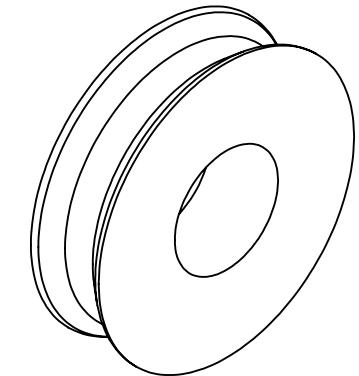
RBD29905-9 PULLEY

NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: RED ANODIZE
- 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A



SECTION D-D



**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE	
PULLEY	
PART NO.	RBD29905-9
REV	G
TOOL NO.	RBD29905
INITIALS AND DATE	
DESIGNED BY:	VM 1/19/2018
DRAWN BY:	ML 02/05/2018
CHECKED BY:	ML 02/05/2018
MFG REVIEW BY:	RQ 02/05/2018
APPROVED BY:	ML 02/05/2018
SCALE: NTS	SHEET 8 OF 11

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
INTERPRET PER ASME Y14.5M-2009  
DIMENSIONS APPLY AFTER FINISHING

TOLERANCES:  
XXX ± .005    FRACTIONS ± 1/8  
XX ± .01    ANGLES ± .5°  
X ± .1    SURFACE ROUGHNESS

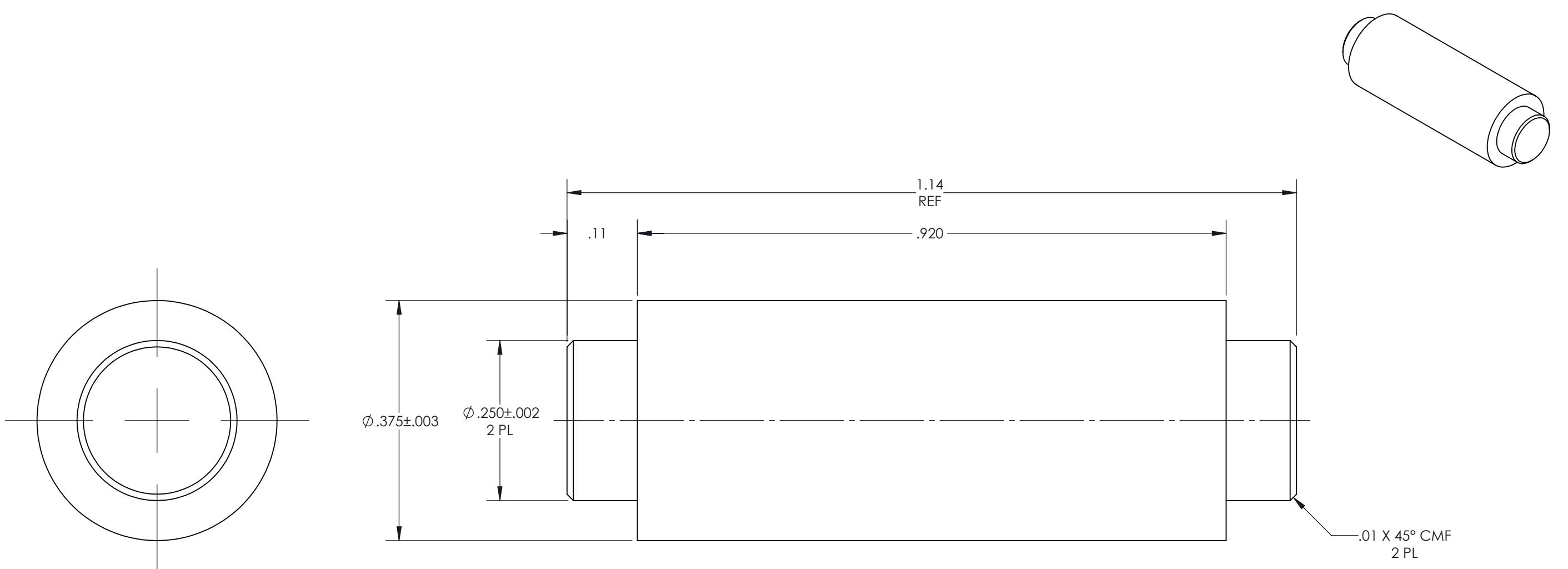
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8	7	6	5	4	3	2	1
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED		

F DIMENSION .925 CHANGED FOR .920, DIMENSION .250 +0/-002 CHANGED FOR .250 +/-002, DIMENSION .375 +0/-005 CHANGED FOR .375 +/-003, CMF ADDED, TEMPLATE UPDATED

17-791 18.1.19 VM ML



RBD29905-11 SHORT CENTER PIN

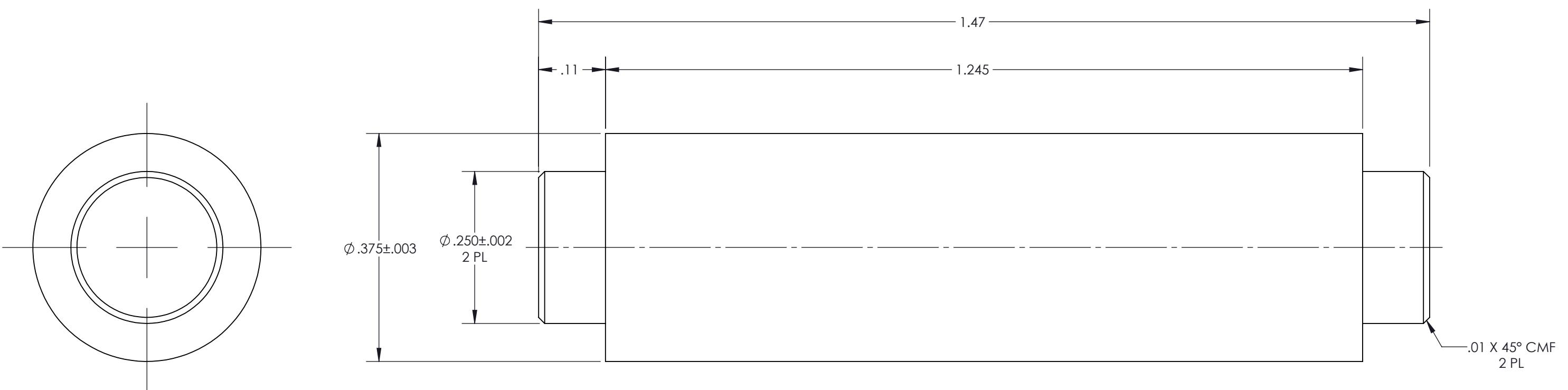
**NOTES:**

- 1) MATERIAL: AISI 1018/1020 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE
- 4) SPEC: MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A

<b>DART AEROSPACE</b>		Hawkesbury, Ontario, Canada
TITLE		
<b>SHORT CENTER PIN</b>		
<b>PART NO.</b> RBD29905-11		<b>REV</b> G
<b>TOOL NO.</b> RBD29905		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING
<b>INITIALS AND DATE</b>		
DESIGNED BY:	VM 1/19/2018	
DRAWN BY:	ML 02/05/2018	
CHECKED BY:	ML 02/05/2018	
MFG REVIEW BY:	RQ 02/05/2018	
APPROVED BY:	ML 02/05/2018	
SCALE: NTS		SHEET 9 OF 11
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8	7	6	5	4	3	2	1
D	C	B	A	D	C	B	A

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION 1.235 CHANGED FOR 1.245, DIMENSION .250 +0/-002 CHANGED FOR .250 +/-002, DIMENSION .375 +0/-005 CHANGED FOR .375 +/-003, TEMPLATE UPDATED, CMF ADDED	17-791	18.1.19	VM	ML



RBD29905-13 LONG CENTER PIN

**NOTES:**

- 1) MATERIAL: AISI 1018/1020 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE
- 4) SPEC: MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A

**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE		REV
LONG CENTER PIN		G
PART NO.		RBD29905-13
TOOL NO.	RBD29905	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING		
DESIGNED BY:	INITIALS AND DATE	
DRAWN BY:	VM 1/19/2018	
CHECKED BY:	ML 02/05/2018	
MFG REVIEW BY:	RQ 02/05/2018	
APPROVED BY:	ML 02/05/2018	
SCALE: NTS		SHEET 10 OF 11

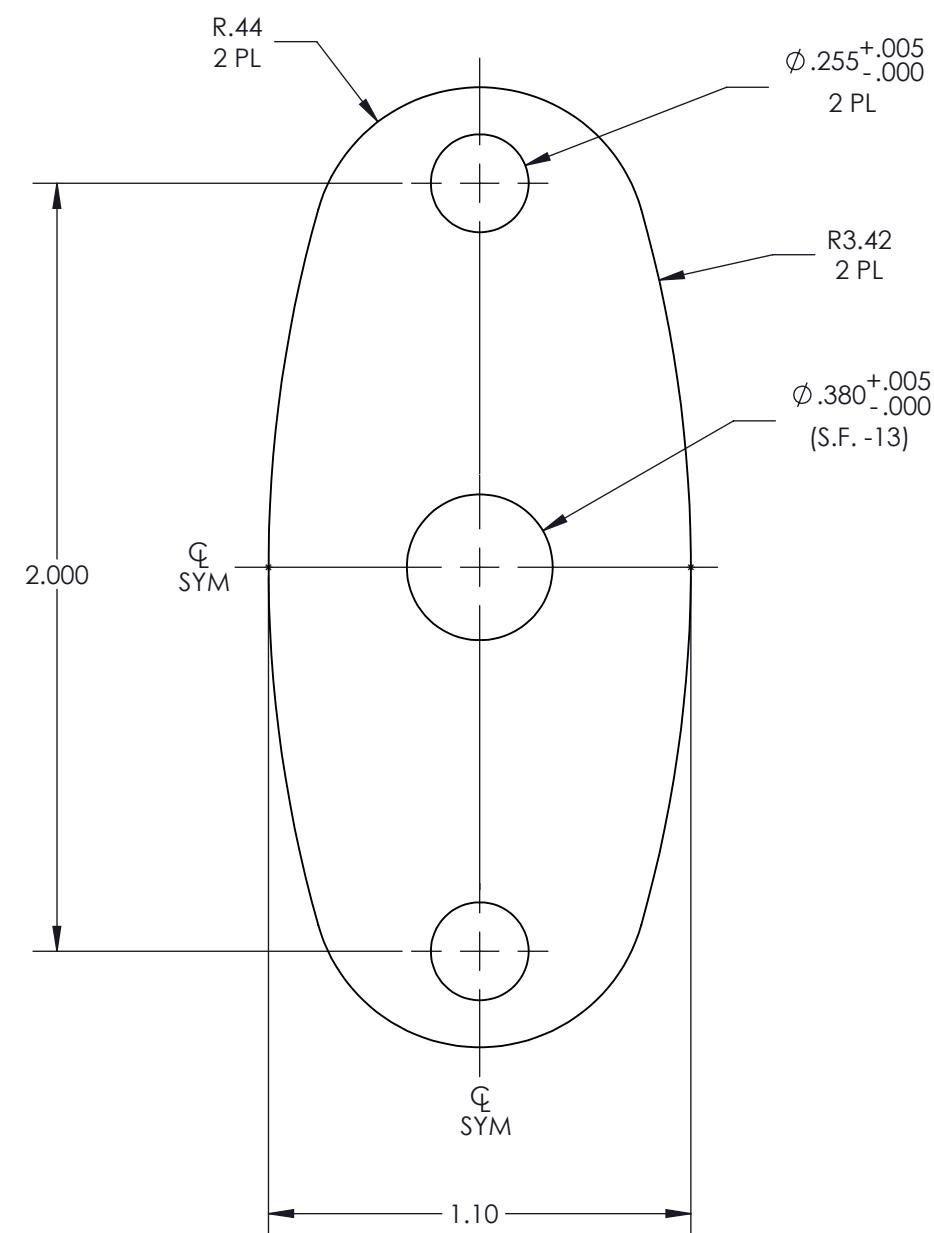
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION .250 +.005/-0 CHANGED FOR .255 +.005/-0, TEMPLATE UPDATED	17-791	18.1.19	VM	ML

D

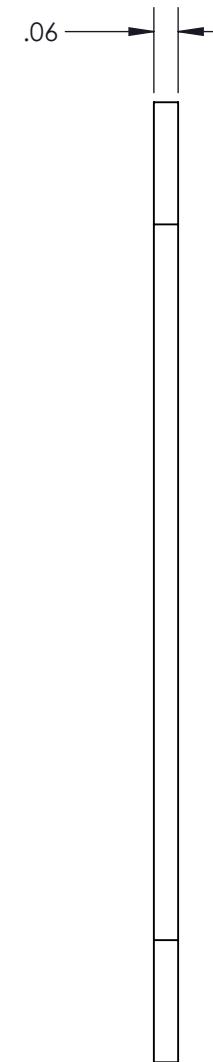
D



RBD29905-15 CENTER PLATE

NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: RED ANODIZE
- 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A



**DART AEROSPACE** Hawkesbury, Ontario, Canada

TITLE		
CENTER PLATE		
PART NO.	RBD29905-15	
REV	G	
TOOL NO.	RBD29905	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING
	INITIALS AND DATE	
DESIGNED BY:	VM 1/19/2018	TOLERANCES: XXX ± .005 FRACTIONS ± 1/8
DRAWN BY:	ML 02/05/2018	XX ± .01 ANGLES ± .5°
CHECKED BY:	ML 02/05/2018	X ± .1 SURFACE ROUGHNESS
MFG REVIEW BY:	RQ 02/05/2018	
APPROVED BY:	ML 02/05/2018	SCALE: NTS SHEET 11 OF 11

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